

### **Amendments to the Claims**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-15 (Canceled)

16. (Previously Presented) An isolated beta subunit comprising the amino acid sequence of SEQ ID NO: 174.

17. (Previously Presented) A beta clamp comprising the beta subunit according to claim 16.

18. (Previously Presented) A DNA polymerase III-type enzyme complex comprising the beta clamp according to claim 17.

19. (Previously Presented) A kit comprising:  
a container that contains therein either a deoxynucleoside triphosphate or a dideoxynucleoside triphosphate; and  
a container that contains therein the DNA polymerase III-type enzyme complex according to claim 18.